

CLAIMS

1. An aqueous composition comprising a water-insoluble liquid antifoam agent wherein the antifoam agent is incorporated into the composition as a solution
5 in an organic solvent.
2. An aqueous composition according to claim 1 wherein the water-insoluble liquid antifoam agent has a solubility in the solvent of at least 10% by weight at a temperature in the range of 15 – 20 °C.
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3. An aqueous composition according to claim 1 wherein the antifoam agent is a silicone containing active material.
4. An aqueous composition according to claim 3 wherein the silicone containing active material comprises a polyalkylsilicone.
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5. An aqueous composition according to claim 4 wherein the silicone containing active material further comprises hydrophobic silicas.
- 20 6. An aqueous composition according to claim 1 wherein the organic solvent has a flash point of greater than 40 °C.
7. An aqueous composition according to claim 6 wherein the solvent comprises at least one member selected from the class of alkyl, aralkyl or aryl esters of organic acids.
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8. An aqueous composition according to claim 7 wherein the solvent comprises at least one member selected from the group consisting of isopropyl myristate, butyl cocoate and butyl laurate.
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9. An aqueous agrichemical composition comprising at least one agrochemical, one or more foam-inducing surfactants and a water-insoluble antifoam agent

wherein the antifoam agent is incorporated into the composition as a solution in an organic solvent.

10. An aqueous composition according to claim 9 wherein the solution of the antifoam in the solvent is added directly to the aqueous agrichemical composition.
11. An aqueous composition according to claim 9 wherein the solution of antifoam in the solvent is pre-emulsified into water prior to incorporation into the aqueous agrichemical formulation.
12. An aqueous composition according to claim 9 wherein the water-insoluble liquid antifoam agent has a solubility in the solvent of at least 10% by weight at a temperature in the range of 15 – 20 °C.
13. An aqueous composition according to claim 9 wherein the antifoam agent is a silicone containing active material.
14. An aqueous composition according to claim 13 wherein the silicone containing active material comprises a polyalkylsilicone.
15. An aqueous composition according to claim 14 wherein the silicone containing active material further comprises hydrophobic silicas.
16. An aqueous composition according to claim 9 wherein the organic solvent has a flash point of greater than 40 °C.
17. An aqueous composition according to claim 16 wherein the solvent comprises at least one member selected from the class of alkyl, aralkyl or aryl esters of organic acids.

18. An aqueous composition according to claim 17 wherein the solvent comprises at least one member selected from the group consisting of isopropyl myristate, butyl cocoate and butyl laurate.
- 5 19. An aqueous composition according to claim 9 further comprising a bioperformance enhancing agent.
20. An aqueous composition according to claim 9 wherein the agrochemical comprises at least one water-soluble agrochemical.
- 10 21. An aqueous concentrate composition comprising an agrochemical, one or more foam-inducing surfactants and an antifoam agent wherein the antifoam agent is incorporated into the composition as a solution in an organic solvent and wherein the solvent is selected such that the density of the solution of the antifoam agent in the solvent differs from the density of the aqueous
- 15 concentrate composition measured in the absence of solvent and antifoam by not more than 0.1 g/l density units, all density measurements being conducted at room temperature.
- 20 22. An aqueous concentrate composition according to claim 21 wherein the agrochemical comprises at least one water-soluble agrochemical.
23. An aqueous composition comprising an agrochemical, one or more foam-inducing surfactants and a water-insoluble antifoam agent wherein the
- 25 antifoam agent is incorporated into the composition as a solution in an organic solvent wherein the organic solvent is an alkyl, aralkyl or aryl ester of an organic acid wherein said ester (a) dissolves the silicone antifoam to the extent of greater than 12% by weight; (b) provides a solution of the antifoam having a density of greater than 0.8 g/ml; and (c) has a flash point of greater than
- 30 40°C.

24. A method of reducing the foaming of an aqueous agrochemical composition, which comprises introducing an antifoam into the composition in the form of a solution in an organic solvent.
- 5 25. A method for reducing or eliminating the separation of a water-insoluble antifoam in an aqueous agrochemical composition, said method comprising introducing a water-insoluble antifoam into the aqueous agrochemical composition in the form of a solution in an organic solvent.
- 10 26. The method according to claim 25 wherein the solution of the antifoam in the solvent is added directly to the aqueous agricultural composition.
27. The method according to claim 25 wherein the solution of antifoam in the solvent is pre-emulsified into water prior to incorporation into the aqueous
15 agricultural formulation.